



1045
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

BRZOSTOWICZ ET AL

CASE NO.: CL1903 US NA

APPLICATION NO.: 09/941,947

GROUP ART UNIT: UNKNOWN

FILED: AUGUST 29, 2001

EXAMINER: UNKNOWN

FOR: CARTENOID PRODUCTION FROM A SINGLE CARBON SUBSTRATE

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED
DEC 19 2001
TECH CENTER 1600/2900

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed PTO/SB/08A and PTO/SB/08B. A copy of the information is also enclosed.

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,

S. NEIL FELTHAM

Attorney for Applicant(s)

Registration No. 36,506

Telephone: (302) 992-6460

Facsimile: (302) 892-7949

Dated: 12/3/01

Enclosures

I hereby certify that this paper is being deposited with the United States Postal Service as First Class Mail in an envelope address to: Asst. Commissioner for Patent, Washington, D.C. 20231, on this date.

12/4/01

Date

Mary Beth Pitcher

+

DEC 17 2001

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

RADENAS

Complete if Known

(use as many sheets as necessary)

Sheet	1
-------	---

1

of

2

Application Number

09/941,947

Filing Date

AUGUST 29, 2001

First Named Inventor

BRZOSTOWICZ ET AL

Group Art Unit

UNKNOWN

Examiner Name

UNKNOWN

Attorney Docket Number

CL1903 US NA

Date if Known
 041,947
 AUGUST 29, 2001
 OSTOWICZ ET AL
 (NOR)
 (NOR)
 903 US NA
 RECEIVED
 1600/2900
 19 DEC 19 2001
 CENTER

[illegible]

Please type a plus sign (+) inside this box →

DEC 1 7 2001
PATENT AND TRADEMARK OFFICE

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number 09/941,947
Filing Date AUGUST 29, 2001
First Named Inventor BRZOSTOWICZ ET AL.
Group Art Unit UNKNOWN
Examiner Name UNKNOWN
Attorney Docket Number CL1903 US NA

RECEIVED
DEC 19 2001
PATENT CENTER 1600/2900

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Armstrong, J. Bact. 176: pp. 4795-4802	
		Annu. Rev. Microbiol. 51: 629-659, 1997	
		Nelis and Leenheer, Appl. Bacteriol. 70:181-191, 1991	
		Farmer, W. R. and J. C. Liao, 2001, Biotechnol. Prog. 17: 57-61	
		Wang, C. et al., 2000 Biotechnol. Prog. 16: 922-926	
		Misawa, N. and H. Shimada, 1998, J. Biotechnol. 59: 169-181	
		Shimada, H. et al., 1998, Appl. Environm. Microbiol. 64: 2676-2680	
		Miura, Y. et al., 1998, Appl. Environm. Microbiol. 64: 1226-1229	
		Albrecht, M. et al., 1999, Biotechnol. Lett. 21: 791-795	
		Lidstrom and Stirling (Annu. Rev. Microbiol. 44:27-58, 1990	
		Murrell et al., Arch. Microbiol., 2000, 173(5-6), 325-332	
		Grigoryan, E. A., Kinet. Catal., 1999, 40(3), 350-363	
		Beschastnyi et al., Inst. Biochem. Physiol. Microor., Pushchino, Russia, Biokhimiya (Moscow) 1992, 57(8), pp. 1215-1221	
		Shishkina et al., Inst. Bikhim. Fiziol. Mikroorg., Pushchino, Russia, Mikrobiologiya, 1990, 59(4), 533-8	
		Trotsenko et al., Studies on Phosphate metabolism in obligate methanotrophs, Fems Microbiology Reviews 87, 1990, pp. 267-272	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.